

TOPCOLOR BARRIER GREASE

TC BA GR / GTI

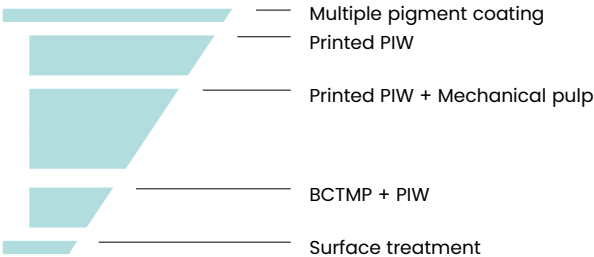
Code no. 31126



Mill

MM Frohnleiten GmbH, Austria

1. Board structure



	% of total	+/- in % of total
Virgin fibre	17	5
Paper from Post Industrial Waste (PIW)	70	10
Pigment coating	13	5
Total	100	

2. Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
		mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
g/m ²	µm / pt					
250	350 / 13.8	17.0	7.7	11.4	8.2	3.7
280	400 / 15.7	23.9	10.9	16.1	11.6	5.3
320	460 / 18.1	35.4	16.1	23.9	17.5	7.9

3.

Property	Value	Tolerances	Test standard
Brightness top (%)	80	- 1	ISO 2470-2
Brightness reverse (%)	68	+/- 2	ISO 2470-2
Grammage (g/m ²)		+/- 2%	ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	ISO 534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C	+/- 1°C	ISO 187
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430

¹Permissible: -15% of the target stiffness. This applies to 100% of all measured single values. The single value is a calculated average of five measurements per sheet. The stiffness has to be measured at both sides. The resulting average value is then the stiffness of the single sample. L&W 5° figures are binding, Taber figures are indicative.
All figures mentioned above may be subject to technical changes.
Minimum order: 50t.



TOPCOLOR BARRIER GREASE is the only recycled cartonboard with a sustainable, environmentally friendly grease barrier, which is suitable for direct food contact. TOPCOLOR BARRIER GREASE protects the packaging from annoying grease spots and discolourations, thereby ensuring ideal product presentation. TOPCOLOR BARRIER GREASE is based on the best-selling product Topcolor, the No. 1 in the Fast Food segment.

Brightness

Top

80 %

Brightness

Reverse

68 %

1. Features

- Protection from annoying grease spots on the packaging
- Perfect top and reverse sides
- Fluorine-free grease barrier
- High stability

3. Mill Certificates

Downloadable certifications

Chain of Custody

Our products are also available with FSC® or PEFC certification on request.

FSC® (FSC®-C003336)

PEFC (PEFC/06-33-215)

Environmental manag.

ISO 14001

EMAS

Food safety

ISO 22000

Quality management

ISO 9001

5. Storage Recommendation

Storage conditions	temperature	relative humidity
Favorable	20-23°C	50-55%
dust free, climatised	68-73.4°F	

Please store in undamaged original wrapping film.

2. Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Food Service

4. Mill Information

The mill Frohnleiten (Austria) offers the following features:

- Pioneer of the latest technologies and innovations
- Excellently equipped R&D center
- Highest production capacity of coated recycled cartonboard for folding cartons in Europe
- Strategically located to the Western, Eastern and Southern European markets
- Short transportation routes and flexible service guaranteed

6. Acclimatisation

Temperature difference Pallet to printing room 20°C / 68°F	Time in printing room before unpacking in hours		
5°C / 4°F	10	11	12
10°C / 50°F	20	22	24
15°C / 59°F	30	34	35
20°C / 68°F	40	46	50
Volume of pallet in m³	0.7	1.0	1.4

Remove the packaging film just before printing. Optimum processing climate: 22-23°C / 71.6-73.4°F, 50-52% rel. humidity.

*It is a general recommendation for enduse applications; legally binding is only the declaration of compliance issued by MM Board & Paper for each individual type of cartonboard.